

AMENDMENTS TO THE CLAIMS

The following is a complete listing of revised claims with a status identifier in parenthesis.

LISTING OF CLAIMS

1. (Previously Presented) A method of operating a Personal Digital Assistant (PDA), comprising the steps of:

arranging information within the PDA to correspond to at least one of first and second data sets, the first data set including phone features of a user, at least one of the phone features being set up in a telecommunication system for the user, the second data set including phone policies of the user, at least one of the phone policies being used for implementing the at least one of the phone features; and

downloading at least a portion of the arranged information to an Internet Protocol (IP) phone device, the arranged information including the at least one of the features and the at least one of the policies.

2. (Original) The method as defined in claim 1 wherein said arranging step includes the steps of:

storing a list of predetermined phone features in the PDA; and

selecting, in the PDA, certain phone features from the list of predetermined phone features to arrange the information.

3. (Original) The method as defined in claim 1 wherein said operating step includes the step of:

synchronizing the PDA with the IP phone device.

4. (Previously Presented) A method of operating a Personal Digital Assistant (PDA) with an Internet Protocol (IP) phone device, comprising the steps of:

arranging information within the PDA to correspond to at least one of first and second data sets, the first data set including phone features of a user, the second set including phone policies of the user;

operating the IP phone device according to the arranged information;

prestoring identity information of the user in the PDA; and

verifying, in the PDA, the identity of a current user based on the prestored identity information.

5. (Original) The method as defined in claim 1 wherein said operating step includes the step of:

receiving and initiating calls through the IP phone device according to the arranged information from said arranging step.

6. (Original) The method as defined in claim 1 further comprising the step of:

modifying the arranged information of said arranging step.

7. (Original) The method as defined in claim 1 wherein in said arranging step, the PDA includes a phone application program interface (API) for interfacing the PDA with phone functionality of the IP phone device.

8. (Original) The method as defined in claim 1 wherein in said arranging step, the PDA includes a feature/policy application program interface (API) for interfacing the PDA with the phone features and phone policies of the user.

9. (Original) The method as defined in claim 1 further comprising the step of:
connecting the PDA to an Internet Protocol-Public Branch Exchange (IP-PBX) via the IP phone device.

10. (Previously Presented) A method of operating a Personal Digital Assistant (PDA), comprising the steps of:

arranging information within the PDA to correspond to at least one of first and second data sets, the first data set including phone features of a user, at least one of the phone features being set up in a telecommunication system for a particular phone number, the second data set including phone policies of the user, at least one of the phone policies being used for implementing the at least one of the phone features; and

transferring the arranged information to an Internet Protocol-Public Branch Exchange (IP-PBX).

11. (Original) The method as defined in claim 10 wherein said transferring step includes the step of:

connecting the PDA to the IP-PBX through the Internet.

12. (Previously Presented) A method of operating a Personal Digital Assistant (PDA), comprising the steps of:

arranging information within the PDA to correspond to at least one of first and second data sets, the first data set including phone features of a user, the second data set including phone policies of the user;

transferring the arranged information to an Internet Protocol-Public Branch Exchange (IP-PBX);

prestoring identification data of the user in the PDA; and

verifying, before said arranging step, the identity of a current user of the PDA based on the prestored identification data.

13. (Currently Amended) A method of operating a Personal Digital Assistant (PDA), comprising the steps of:

~~storing~~ arranging information including at least one of first and second data sets, for transferring to at least one of an IP phone device or an IP-PBX, within the PDA, the first data set including phone features of a plurality of users, the second data set including phone policies of the plurality of users; and

displaying phone configurations in a telecommunication system based on said at least one of first and second data sets stored within the PDA.

14. (Original) The method as defined in claim 13 further comprising the steps of:

 prestoring identification data of a verifier within the PDA; and
 verifying the identity of a current verifier based on the prestored identification data.

15. (Original) The method as defined in claim 13 further comprising at least one of the following steps:

 deleting certain phone features and phone policies from the phone features and phone policies stored within the PDA;
 modifying the phone features and phone policies stored within the PDA;
and
 selecting certain phone features and phone policies from the phone features and phone policies stored within the PDA.

16. (Currently Amended) A Personal Digital Assistant (PDA), comprising:

 a memory for storing ~~a list of~~ arranged information including phone features and phone policies therein; and

 software stored in the memory for allowing a user to select and program the user's personal phone features and phone policies within the PDA from the

stored list of phone features and phone policies, at least one of the user's personal phone policies being used to implement at least one of the user's personal phone features in a telecommunication system by transferring at least a portion of the arranged information to an IP-PBX.

17. (Currently Amended) A Personal Digital Assistant (PDA), comprising:

a memory for storing ~~a list of~~ arranged information including phone features and phone policies therein; and

software stored in the memory for allowing a user to program the user's personal phone features and phone policies within the PDA using the ~~stored list of phone features and phone policies~~ arranged information and to implement at least a portion of the arranged information in at least one of an IP phone device and an IP-PBX;[[,]] wherein

the memory includes prestored identification data for the user, and said PDA further includes a security unit for verifying the identity of the user based on the prestored identification data.

18. (Original) The PDA as defined in claim 16 wherein said software includes a feature/policy application program interface (API), said feature/policy API being used to interface the PDA with phone features and phone policies of the user.

19. (Original) The PDA as defined in claim 16 further comprising:

a connection for connecting the PDA to an Internet Protocol-Public Branch Exchange (IP-PBX).

20. (Original) The PDA as defined in claim 16 wherein said PDA is adopted to couple to an Internet Protocol (IP) phone device for communication.

21. (Original) The PDA as defined in claim 20 wherein said software includes a phone application program interface (API) for interfacing the PDA with phone functionality of the IP phone device.

22. (Original) The PDA as defined in claim 20 further comprising:

a synchronization unit for synchronizing the PDA with the IP phone device.

23. (Currently Amended) A Personal Digital Assistant (PDA) capable of communicating with an Internet Protocol-Public Branch Exchange (IP-PBX), comprising:

a memory for storing a list of arranged information including phone features and phone policies within the PDA;

a computer program stored in the memory for allowing a user to select and program at least a portion of the arranged information, which is to be implemented ~~user's personal phone features and phone policies from the list of phone features and phone policies, at least one of the user's personal phone~~

~~policies being used to implement at least one of the user's personal phone features in a telecommunication system; and~~

a connection for connecting the PDA and the IP-PBX.

24. (Original) The PDA as defined in claim 23 wherein the connection is a modem for connecting the PDA to the IP-PBX through the Internet.

25. (Currently Amended) A Personal Digital Assistant (PDA) capable of communicating with an Internet Protocol-Public Branch Exchange (IP-PBX), comprising:

a memory for storing a list of arranged information including phone features and phone policies within the PDA;

a computer program stored in the memory for allowing a user to select and program at least a portion of the arranged information, which is to be implemented in a telecommunication system; and~~program user's personal phone features and phone policies using the list of phone features and phone policies, at least one of the user's personal phone policies being used to implement at least one of the user's personal phone features in a telecommunication system; and~~

a connection for connecting the PDA and the IP-PBX, wherein the memory further stores prestored identification data for the user.

26. (Original) The PDA as defined in claim 25 further comprising:

a security unit for verifying the identity of a current PDA user based on the prestored identification data.

27. (Currently Amended) A Personal Digital Assistant (PDA), comprising:

a memory for storing arranged information including at least one of first and second data sets within the PDA, the first data set including phone features of a plurality of users, the second data set including phone policies of the plurality of users; and

a display for displaying phone configurations in at least one of an IP phone device and an IP-PBX~~a telecommunication system~~ based on said at least one of first and second data sets stored in the memory.

28. (Original) The PDA as defined in claim 27 wherein the memory also stores prestored identification data of a verifier.

29. (Original) The PDA as defined in claim 28 further comprising:

a security unit for verifying the identity of a current verifier based on the prestored identification data.

30. (Currently Amended) A Personal Digital Assistant (PDA) comprising:

first means for storing arranged information including first and second data sets within the PDA, the first data set including a list of predetermined

phone features, the second data set including a list of predetermined phone policies;

second means for selecting and programming a user's personal phone features and phone policies from the stored first and second data sets, at least one of the user's personal phone policies being used to implement at least one of the user's personal phone features in a telecommunication system by transferring at least a portion of the arranged information to at least one of an IP phone device or an IP-PBX; and

third means for storing the programmed user's personal phone features and phone policies within the PDA.

31. (Original) The PDA as defined in claim 30 wherein the first means also stores identification data for the user.

32. (Original) The PDA as defined in claim 31 further comprising:

security means for verifying the identity of a current PDA user based on the prestored identification data.

33. (Original) The PDA as defined in claim 30 wherein the first means stores a feature/policy application program interface (API) used to interface the PDA with the user's phone features and phone policies.

34. (Currently Amended) The PDA as defined in claim 30 further comprising:

connection means for connecting the PDA to ~~the an Internet Protocol-~~
~~Public Branch Exchange (IP-PBX)~~ IP-PBX for communication.

35. (Original) The PDA as defined in claim 30 wherein the first means stores a phone application program interface (API) used to interface the PDA with phone functionality of an Internet Protocol (IP) phone device.

36. (Currently Amended) The PDA as defined in claim 30 further comprising:
synchronization means for synchronizing the PDA with ~~the an Internet~~
~~Protocol (IP)~~ IP phone device.

37. (Currently Amended) A Personal Digital Assistant (PDA) for communicating with an Internet Protocol-Public Branch Exchange (IP-PBX), comprising:

means for allowing programming of arranged information including user's personal phone features and phone policies within the PDA, at least one of the phone features being implemented in a telecommunication system by at least one of the phone policies; and

connection means for connecting the PDA and the IP-PBX.

38. (Original) The PDA as defined in claim 37 wherein the connection means includes a modem for connecting the PDA to the IP-PBX.

39. (Currently Amended) A Personal Digital Assistant (PDA) for communicating with an Internet Protocol-Public Branch Exchange (IP-PBX), comprising:

means for allowing programming of arranged information including user's personal phone features and phone policies within the PDA;

connection means for connecting the PDA and the IP-PBX; and

storage means for prestoring identification data of the user.

40. (Original) The PDA as defined in claim 39 further comprising:

security means for verifying the identity of a current PDA user based on the prestored identification data.

41. (Currently Amended) A Personal Digital Assistant (PDA) comprising:

means for storing arranged information including at least one of first and second data sets within the PDA, the first data set including phone features of a plurality of users, the second data set including phone policies of the plurality of users; and

display means for displaying IP phone configurations in a telecommunication system based on at least a portion of the arranged information ~~the stored at least one of first and second data sets.~~

42. (Original) The PDA as defined in claim 41 wherein the means for storing prestores identification data of a verifier.

43. (Original) The PDA as defined in claim 42 further comprising:

security means for verifying the identity of a current verifier based on the prestored identification data.

44. (Currently Amended) A computer program embodied on a computer-readable medium of a Personal Digital Assistant (PDA), comprising:

a first source code segment for storing arranged information including a list of phone features and phone policies within the PDA; and

a second source code segment for selecting and programming the arranged information, a portion of the arranged information being transferred to at least one of an IP phone device and an IP-PBX and being implemented a
~~user's personal phone features and phone policies within the PDA from the stored list of phone features and phone policies, at least one of the user's personal phone policies being used to implement at least one of the user's personal phone features~~ in a telecommunication system.

45. (Previously Presented) The computer program of claim 44 further comprising:

a third source code segment for storing identification data for the user and verifying the identity of a current PDA user based on the prestored identification data.

46. (Original) The computer program of claim 44 further comprising:

a third source code segment for interfacing the PDA with phone features and phone policies of the user.

47. (Currently Amended) The computer program of claim 44 further comprising:

a third source code segment for interfacing the PDA with phone functionality of ~~an Internet Protocol (IP)~~ the IP phone device for communication.

48. (Currently Amended) The computer program of claim 44 further comprising:

a third source code segment for communicating with the IP-PBX ~~an Internet Protocol Public Branch Exchange (IP-PBX)~~.

49. (Currently Amended) A computer program embodied on a computer-readable medium of a Personal Digital Assistant (PDA), comprising:

a first source code segment for storing arranged information including at least one of first and second data sets within the PDA, the first data set including phone features of a plurality of users, the second data set including phone policies of the plurality of users; and

a second source code segment for displaying phone configurations in a ~~telecommunication system~~ at least one of an IP phone device and an IP-PBX based on the stored at least one of first and second data sets.

50. (Original) The computer program as defined in claim 49 wherein the first source code segment prestores identification data of a verifier within the PDA.

51. (Original) The computer program as defined in claim 50 further comprising:
a third source code segment for verifying the identity of a current verifier based on the prestored identification data.

52. (Currently Amended) The PDA as defined in claim 16, wherein said PDA is further ~~adapted~~ configured to download at least a portion of the arranged information to an Internet Protocol (IP) phone device, the arranged information including the at least one of the features and the at least one of the policies.